Applicant: Hong Chen et al.

Title: NT69, A Novel Nucleoside Transporter Family Member and

Uses Therefor

Attorney/Agent: Jill Uhl
Docket No.: MPI2000-433CP1(M)
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	GTCG	ACCC	ACGC	GTCC	GCTT	AGAA	GGAG	CACA	.GGAA	AGTC	CCAG	AGGC	TGCC	M atg	G GGC	S TCC	V GTG	G GGG	S AGC		6 70
٠	Q CAG	R CGC	L CTT	E GAG	E GAG	CCC	S AGC	V GTG	A GCA	G GGC	T ACA	P CCA	D GAC	CCG 5	G GGC (	V STA (	V V	M ATG 1	S AGC 1	F TTC	26 130
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	T ACC	S TCC	I ATC	V GTG	F TTT	D GAC	M ATG	S AGC	L CTC	T ACC	Y TAC	I ATC	L TTG	V GTG	A GCA (	L CTG (	A GCA (	A GCT (	V GTC (	L CTC	66 250
	L CTG	n aac	N AAC	V GTC	L CTG	V G <b>T</b> G	e Gag	R AGA	L CTG	T ACC	L CTG	H CAC	T ACC	r agg	I ATC	T ACC	A GCA	G GGC	Y TAC (	L CTC	86 310
	L TTA	A GCC	L TTG	G GGC	P CCT	L CTC	L CTT	F TTT	I ATC	S AGC	I ATC	C TGC	D GAC	V GTG	W TGG	L CTG	Q CAG	L CTC	F TTC '	S TCT	106 370
	R CGG	D GAC	Q CAG	A GCC	Y TAC	A GCC	I ATC	N AAC	L CTG	A GCC	A GCT	V GTG	G GGC	T ACC	V GTG	A GCC	F TTC	G G G	C TGC	T ACA	126 430
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	- V	M ATG	T ACC	G GGG	E GAG	S AGC	T ACG	A GCG	G GGC	V GTG	M ATG	I ATC	S TCT	L CTG	S AGC	R CGC	I ATC	L CTC	T ACG	k aag	166 550
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	E GAG	L CTG	L CTG	C TGT	F TTC	L CTG	L CTG	H CAC	L CTG	L TTA	V G <b>T</b> G	R CGG	R CGC	S AGC	R CGC	F TTC	V GTG	L CTC	F TTC	Y TAT	206 670
	T ACC	T ACA	R CGG	P CCG	R CGT	D GAC	S AGC	H CAC	R CGG	G GGC	R AGG	P CCA	G GGC	L CTG	G GGC	R AGG	G GGC	Y TAT	G GGC	Y TAC	226 730
	R CGC	V GTG	H	H CAC	D GAC	y G <b>TT</b>	V GTC	A GCC	G GGG	D GAC	v GTC	H CAC	F TTC	E GAG	H CAC	P CCA	A GCC	P CCG	A GCC	L CTG	246 790
	A GCC	P CCC	N AAC	E GAG	'S TCC	P CCA	K AAG	D GAC	S AGC	P CCA	Ą. GCC	H CAC	E GAG	V GTG	T ACC	G G G G	s AGC	G GGC	G GGG	A GCC	266 850
	Y TAC	M ATG	R CGC	F TTT	D GAC	7 GTG	CCC	R CGC	E CCE	R A AGO	V GTC	Q CAC	R G CGC	S AGC	W TGG	CCC	T ACC	F TTC	R AGA	A GCC	286 910
																			I ATC	A GCC	306 970
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Figure 1A

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Y TAC	F TTC	G GGC	S AGC	V GTG	CCC	m atg	I ATC	L CTG	A GCG	A GCA	G GGC	K Aaa	V GTG	S AGC	CCC P	K AAG	Q CAG	R CGG	E GAG	426 1330
L CTG	A GCA	G GGG	N AAC	T ACC	M ATG	T ACC	y GTG	S TCC	Y TAC	M ATG	S TCA	G GGG	L CTG	T ACG	L CTG	G GGG	S TCC	A GCC	V GTG	446 1390
A GCC	Y TAC	C TGC	T ACC	Y TAC	S AGC	L CTC	T ACC	R CGC	D GAC	A GCT	H CAC	G GGC	S AGC	C TGC	L CTG	н CAC	A GCC	s TCC	T ACC	466 1450
A GCC	N Aat	G GGT	S TCC	I ATC	L CTC	A GCA	G GGC	L CTC	* TGA											476 1480
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CTC	agtg	CCTG	CGGG	ccc	TGAG	CCTC	cccc	rg <b>t</b> g	CCAG	CAGC	CCCA	CTCC	CTCA	GGGT	CCAG	CCAT	GCCC	CACC	CTGG	1638
ACT	GAAG	TTCT	GCAA	AGTC	CTCC	GAGG.	ACCG	GAAC	acgt	TTCT	GCGA	CCCG	GGGC	TCTG	GCCA	GCAC	TGTG	TTCT	GCGT	1717
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GG	ATCCI	'AAGC	GTGT	rcc <b>r</b> 1	CCAC	GAGAC	CGGTC	TTTC	CAGO	GGG?	AGGAG	CCCCC	CCCC	CTT	CAG	ATCC	CCGG	cccc	GCTG	2507
TG	ACTGO	CCTC	TTT	CACCO	CTGC	CTGTC	TCCC	CATCO	CCCC	GTCT(	GTCC2	ACTA	ACTG:	racco	GCAC	CGGC	CATT	AAAA	GATGA	2586
AG(	GC AG	ACCG(	TGC	<b>LAAA</b>	<b>LAAA</b>	AAAA	<b>AAA</b> G(	GCG	GCCG	2										2625

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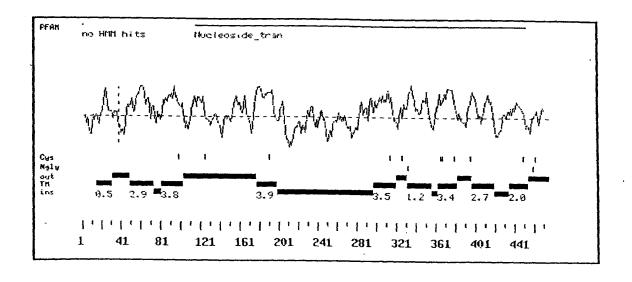


Figure 2

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115
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## Figure 3A

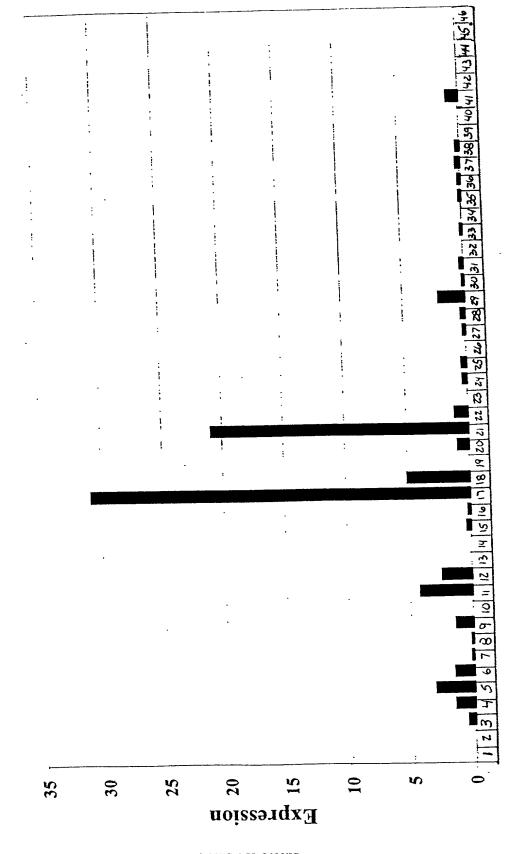
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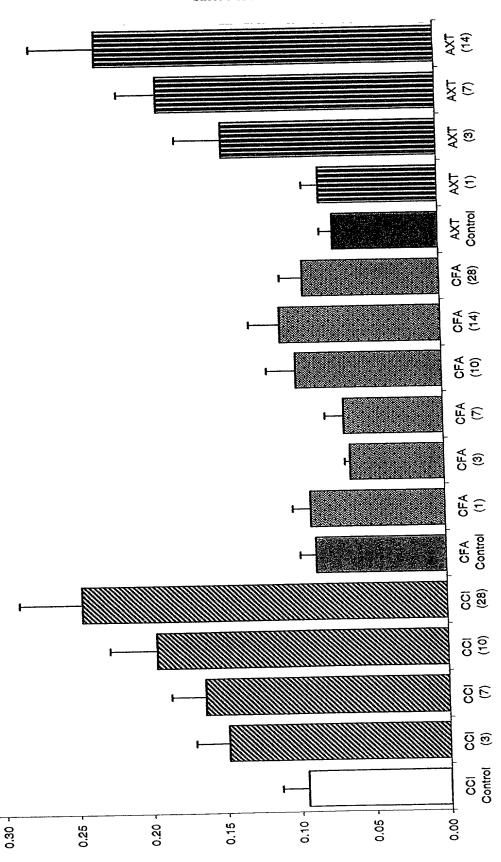


Figure 5

4

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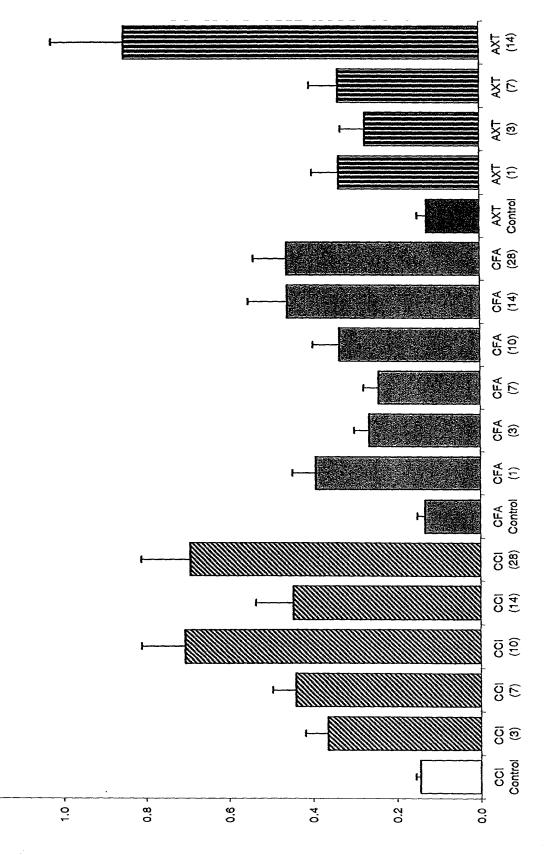


Figure 6